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Patent

Attorney Docket No. ITW7510.076

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Albrecht, Bruce  
Serial No. : 10/709,835  
Filed : June 1, 2004  
For : FUEL SAVING ENGINE DRIVEN  
WELDING-TYPE DEVICE AND  
METHOD OF USE  
Group Art No. : Unknown  
Examiner : Unknown

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## CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PETITION TO MAKE APPLICATION SPECIAL

Dear Sir:

Applicant hereby requests that the above-cited application for patent be made Special pursuant to 37 C.F.R. §1.102(c). Please find included herein a signed statement by Applicant verifying that the invention of the above captioned application will materially contribute to the conservation of energy resources and therefore qualifies to

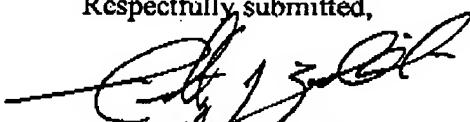
**Albrecht, Bruce**

**U.S. Serial No. 10/709,835**

have the application for patent made Special. Additionally, no fee is enclosed herein as under MPEP §708.02 VI, no fee is required for such a Petition.

Applicant cordially invites the Examiner to call the undersigned should the Examiner find this Petition in anyway incomplete.

Respectfully submitted,



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Dated: 1/26/05  
Attorney Docket No. ITW7510.076

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DEVICE AND METHOD OF USE

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**Applicant's Statement in Support of Petition to  
Make Application Special Based on Energy and  
Environmental Quality**

The present invention contributes to the more efficient utilization and conservation of energy resources and therefore, should be accorded Special status under MPEP §708.02 VI.

The present invention enables the operation of engine driven or rotating power driven welders with reduced fuel consumption. Traditional rotating power driven welders often require the engine to be running at or near full speed before sufficient power can be generated to perform the desired welding-type process. Accordingly, traditional rotating power driven welders are often operated continuously during a welding-type process, even through numerous breaks may occur within the process, in order to avoid repeated delays in workflow while the engine reaches full power.

The present invention allows the engine of rotating power driven welders to be shutdown and the welding-type process to be initiated or continued on-demand, even if the engine has yet to reach full power or even start. As such, the welding-type system of the present invention discontinues engine operation when unnecessary. For example, during a break in the welding-type process, the engine can be shutdown and, upon continuing the welding-type process, power will be delivered to effectuate the process even though the engine may have yet to restart or reach full speed. Accordingly, fuel

consumption is reduced by discontinuing and/or reducing engine operation when engine operation or full engine operation is not necessary to continue the welding-type process.

Accordingly, the present invention contributes to the more efficient utilization and conservation of energy resources and should be accorded Special status.

Dated:

1/20/05



Bruce P. Albrecht  
Vice President and Managing Director  
ITW Welding Technology Center